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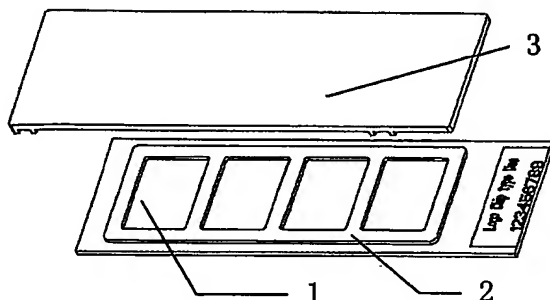
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(54) Title: MICROARRAY DEVICES HAVING CONTROLLABLE REACTION VOLUME



(57) Abstract: This invention relates generally to the field of microarray chips and uses thereof. In particular, the invention provides a microarray reaction device that can be used in assaying the interaction between various moieties, *e.g.*, nucleic acids, immunoreactions involving proteins, interactions between a protein and a nucleic acid, a ligand-receptor interaction, and small molecule and protein or nucleic acid interactions, etc. Articles of manufacture and kits comprising the microarray reaction device and assaying methods using the microarray reaction device are also provided.

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